

The Applicants hereby amend the paragraph on page 2, beginning on line 5 of the specification as follows:

The present invention relates to the field of radio tuners, and in particular to ~~an apparatus and method of~~ automatically identifying channels within an AM radio band that include valid audio data.

The Applicants hereby amend the paragraph on page 6, beginning on line 2 of the specification as follows:

In addition to determining the reception quality of the AM radio frequency under investigation in terms of the field strength signal at this frequency, ~~the~~ the radio receiver system may check whether the field strength signal varies in time. If it varies considerably in time, the through-tuning process is continued without further investigation and without consideration of the reception situation at the neighboring frequencies. This speeds up the speed of finding a radio program with adequate overall reception quality and also improves the process of finding a radio program with adequate quality and has less tendency to set the receiver to a noisy AM radio program.

The Applicants hereby amend the paragraph on page 6, beginning on line 20 of the specification as follows:

Advantageously, the AM radio receiver system identifies AM radio programs with good reception quality, thus considerably reducing the likelihood that radio programs with poor reception quality will be erroneously identified as including valid audio data. In particular, the inventive technique ~~is~~ provides a radio receiver system that accurately identifies a channel as including valid audio.

The Applicants hereby amend the paragraph on page 7, beginning on line 8 of the specification as follows:

The ~~THE-FIGURE~~ illustrates an AM receiver system.

The Applicants hereby amend the paragraph on page 7, beginning on line 11 of the specification as follows:

An AM radio receiver system 10 includes an antenna 1 and a loudspeaker 2. The antenna 1 receives AM radio signals and provides a signal indicative thereof to an AM tuner 3. The AM radio receiver is controlled by a control unit 4, which commands the radio receiver to a radio reception frequency. In particular, the control unit 4 adjusts the AM tuner 3 to tune through the AM radio frequency band in discrete steps (e.g., . . . F_{n-1} , F_n , F_{n+1} . . .). The AM tuner 3 is also connected to a quality evaluation unit 5 that receives the received AM radio signal on a line 12 and determines the reception quality in a particular field strength of the received AM radio signal on the a-line 12 at the tuned AM radio frequency. The evaluation unit 5 provides the value of the reception frequency and the value of the measured field strength to the control unit 4.